



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: James R. Biard, et al.

Serial No.: 10/697,660

Examiner: unknown

Filing Date: October 29, 2003

Group Art: unknown

For: LONG WAVELENGTH VCSEL DEVICE PROGRESSING

Docket No.: H0004489 (1139.1133101)

**TRANSMITTAL SHEET**

Assistant Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

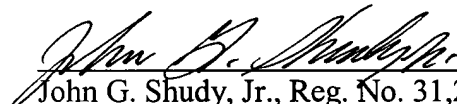
**CERTIFICATE UNDER 37 C.F.R. 1.8:** I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on this 27th day of February, 2004.

By: \_\_\_\_\_

John G. Shudy, Jr.

We are transmitting herewith the attached:

- ☒ Supplemental Information Disclosure Statement, Form PTO-1449 and 2 references.
- ☒ Please charge any deficiencies or credit any overpayment in the enclosed fees to Deposit Account No. 50-0413.

  
\_\_\_\_\_  
John G. Shudy, Jr., Reg. No. 31,214  
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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
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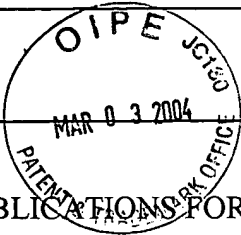
Dear Sirs:

Pursuant to the obligations of candor and good faith imposed by 37 C.F.R. 1.56, the documents listed on the attached PTO-1449 are hereby disclosed.

No representation is intended to be made hereby that any of the cited references establishes, by itself or in combination with other information, a prima facie case of unpatentability of any claim of the present case.

Respectfully submitted,

  
John G. Shudy, Jr., Reg. No. 31,214  
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Applicant: James R. Biard et al.  <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Filing Date:</td> <td style="width: 50%;">Group Art:</td> </tr> <tr> <td>October 29, 2003</td> <td>unknown</td> </tr> </table>		Filing Date:	Group Art:	October 29, 2003	unknown
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October 29, 2003	unknown						

### U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate

### FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Translation Yes No

### OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		Shul, et al., "Comparison of Plasma Etch Techniques For III-V Nitrides," Solid-State Electronics, Vol. 42, No. 12, pp. 2259-2267, 1998.
		<a href="http://www.elume.com/low-k-ii.html">http://www.elume.com/low-k-ii.html</a> , Low-K Materials II, 2 pages, June 1, 2003.

EXAMINER:	DATE CONSIDERED:
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.